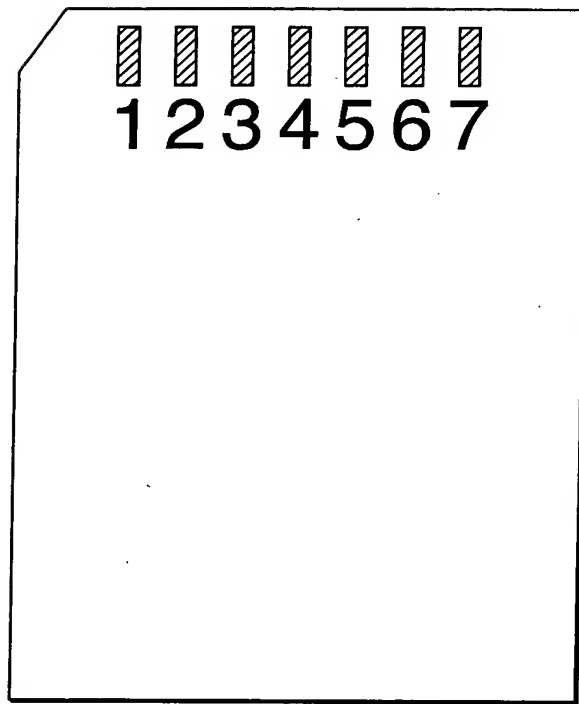




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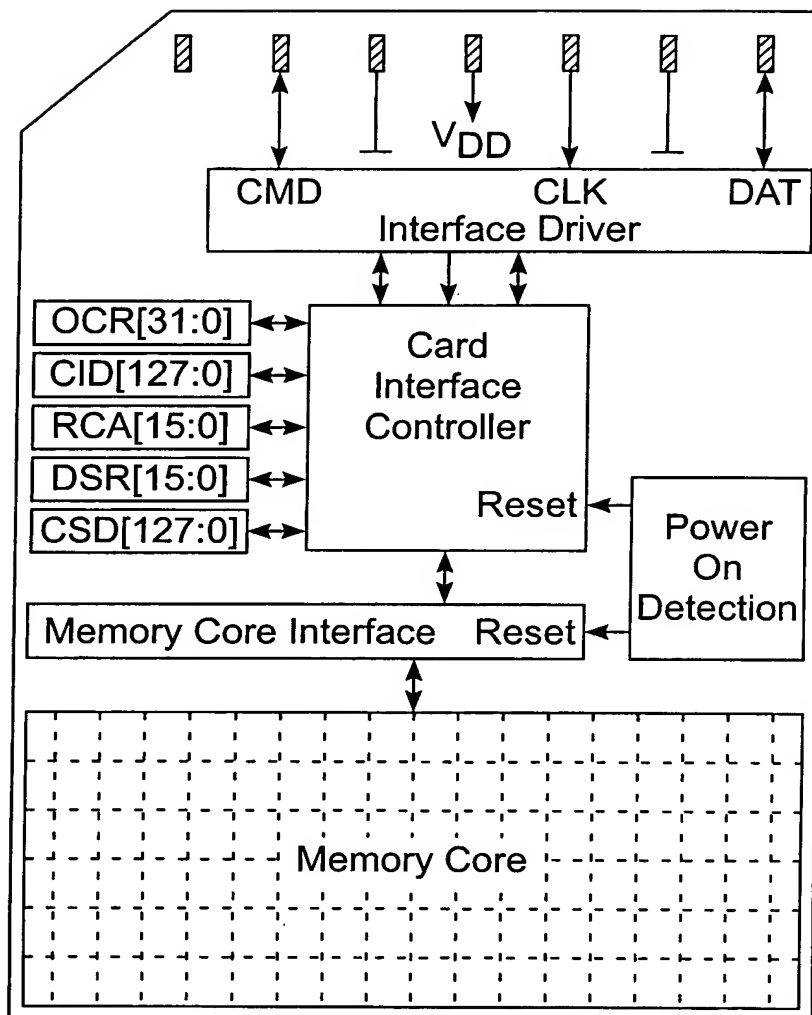


Legend

| Pin No. | Name | Type | Description |
|---------|------|-----------|-------------------------|
| 1 | RSV | NC | Reserved for future use |
| 2 | CMD | I/O/PP/OD | Command/Response |
| 3 | VSS1 | S | Supply voltage ground |
| 4 | VDD | S | Supply voltage |
| 5 | CLK | I | Clock |
| 6 | VSS2 | S | Supply voltage ground |
| 7 | DAT | I/O/PP | Data |

FIG. 1
(PRIOR ART)

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Legend

| Name | Width | Description |
|------|-------|---|
| CID | 128 | Card identification number, card individual number for identification. Mandatory. |
| RCA | 16 | Relative card address, local system address of a card, dynamically assigned by the host during initialization. Mandatory. |
| DSR | 16 | Driver stage register to configure the card's output drivers. Optional. |
| CSD | 128 | Card specific data, information about the card operation conditions. Mandatory. |
| OCR | 32 | Operation condition register for cards which do not support the full voltage range. Used by a special broadcast command to detect restricted cards. Optional. |

FIG. 2 (PRIOR ART)

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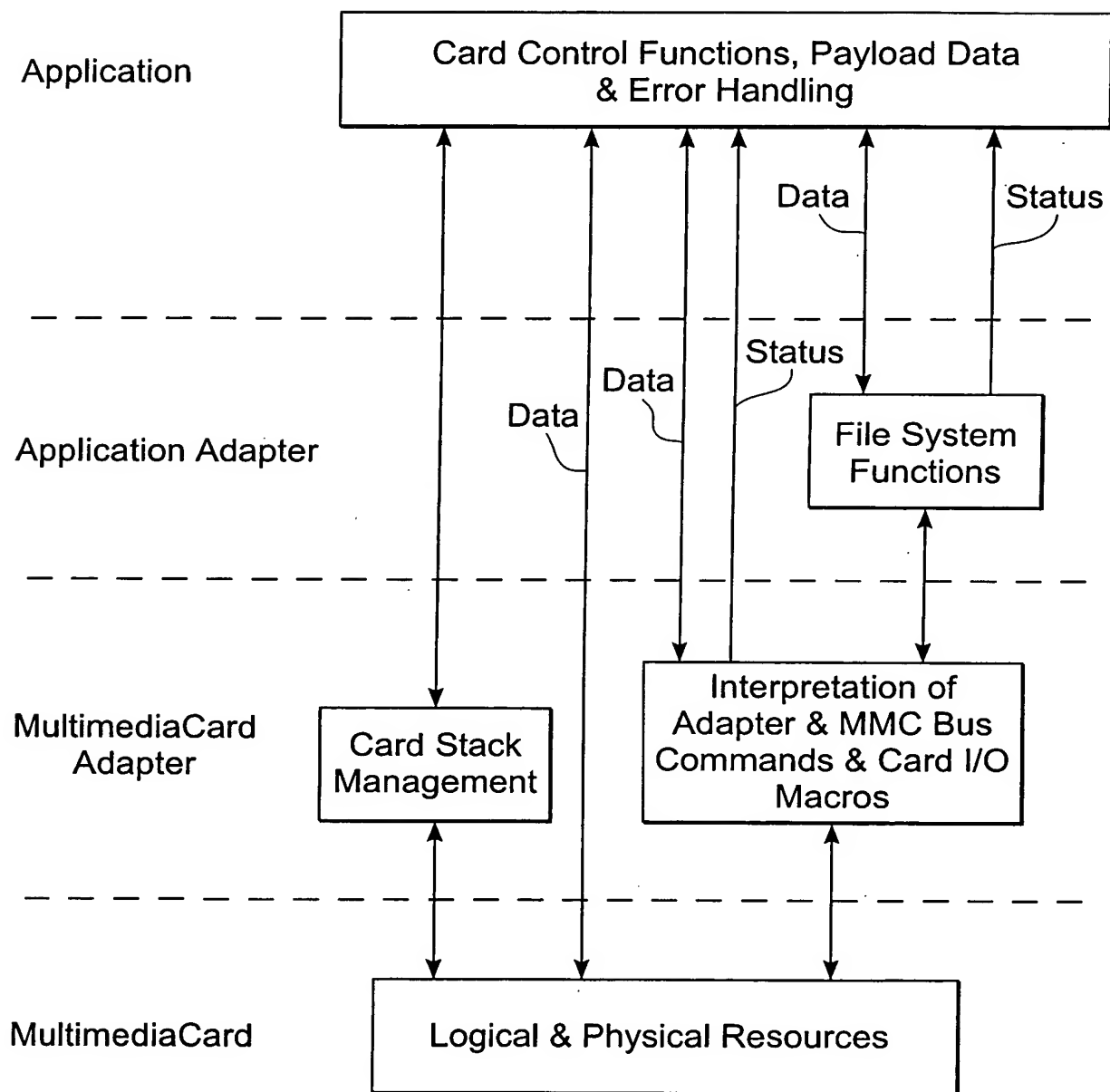


FIG. 3
(PRIOR ART)

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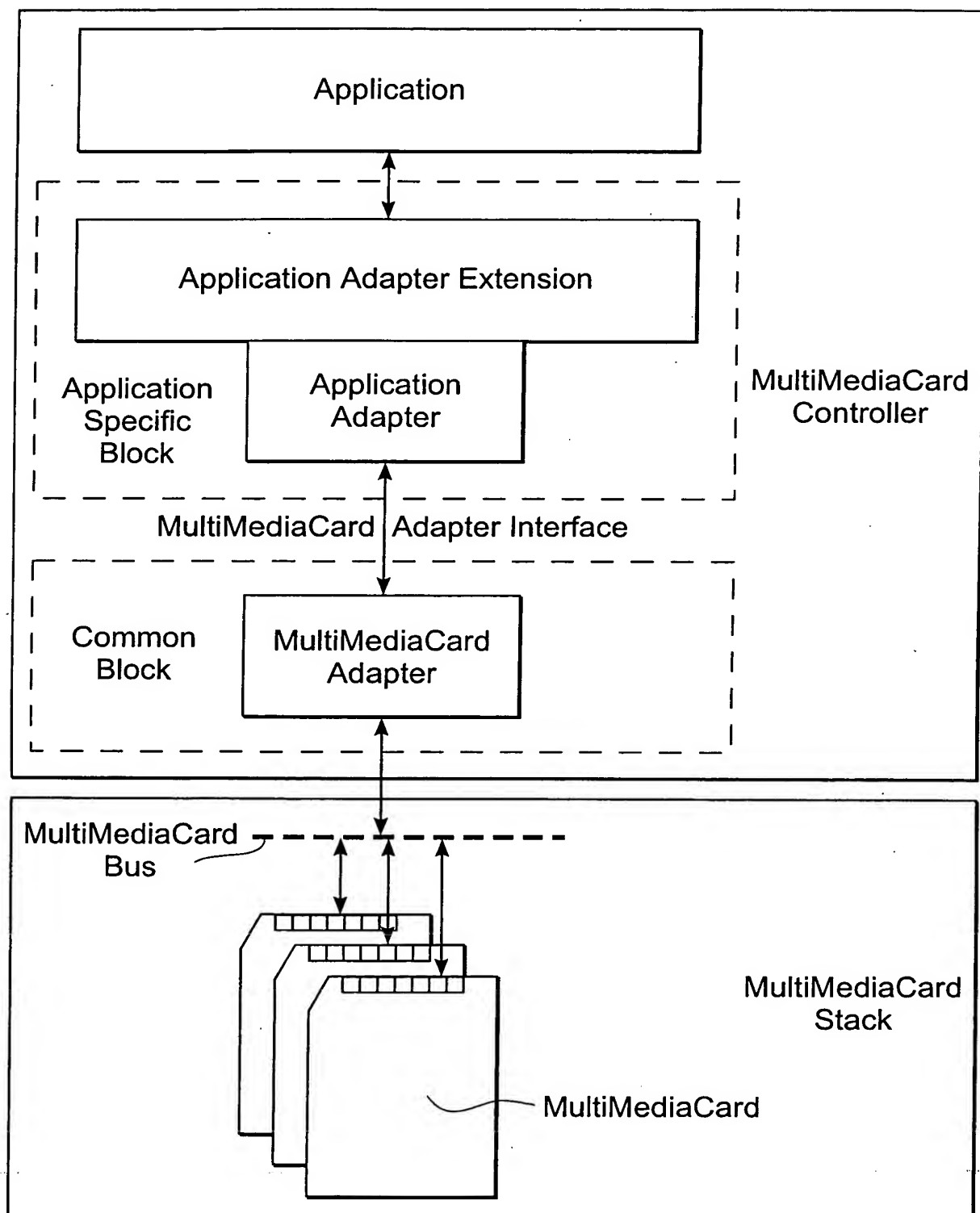
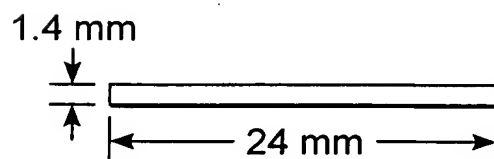
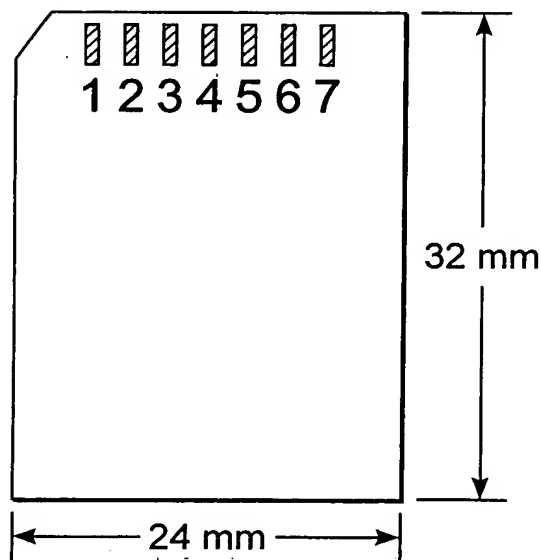
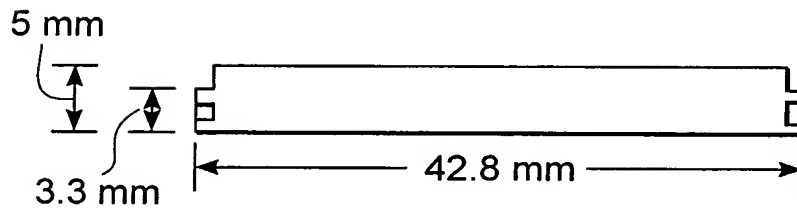
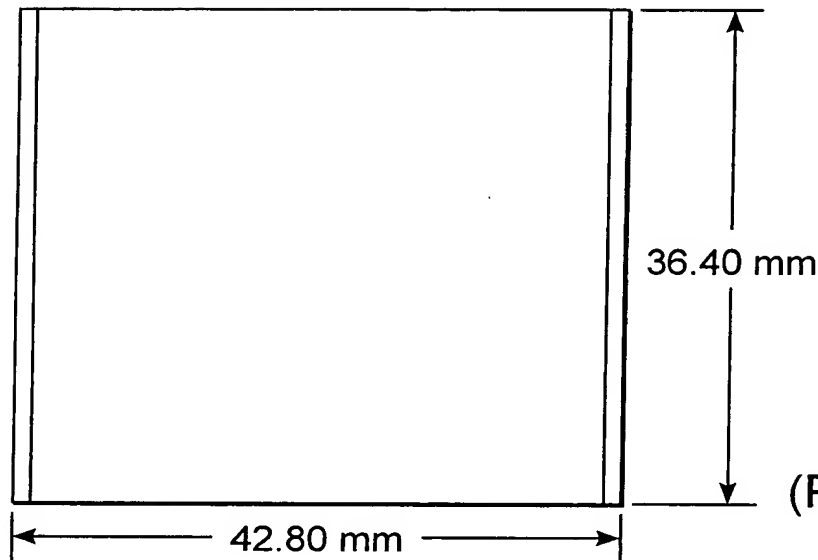


FIG. 4
(PRIOR ART)

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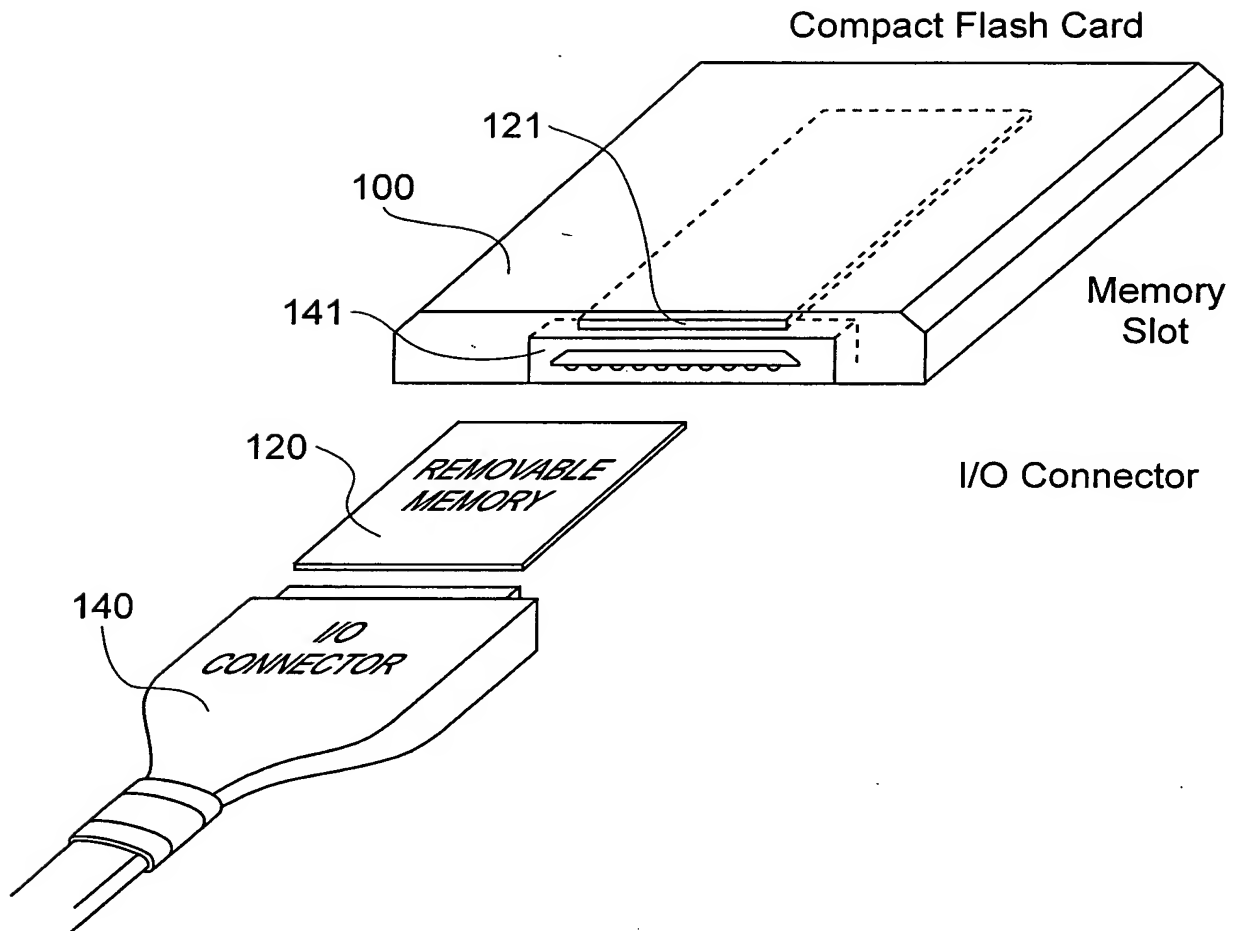


FIG. 7

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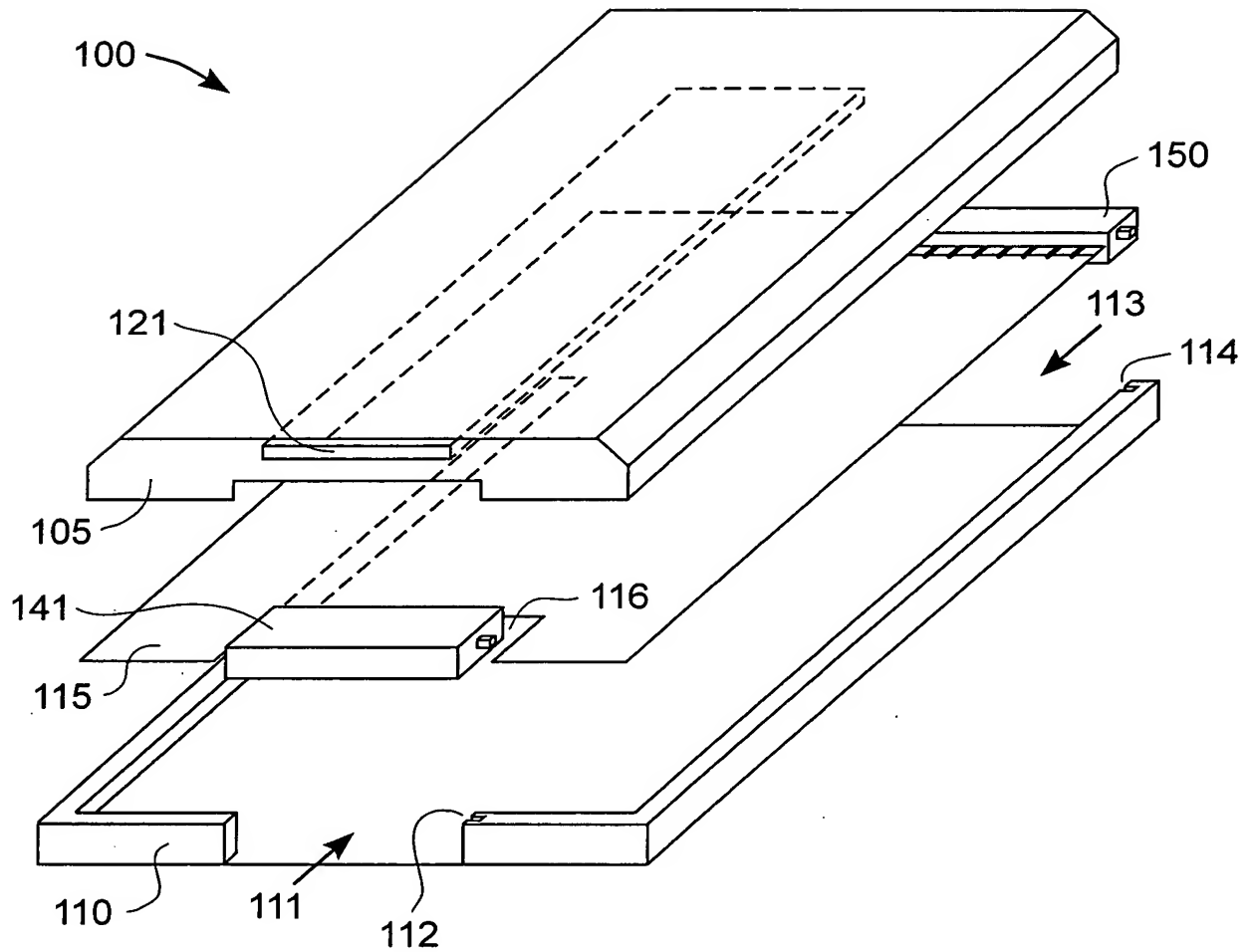


FIG. 8

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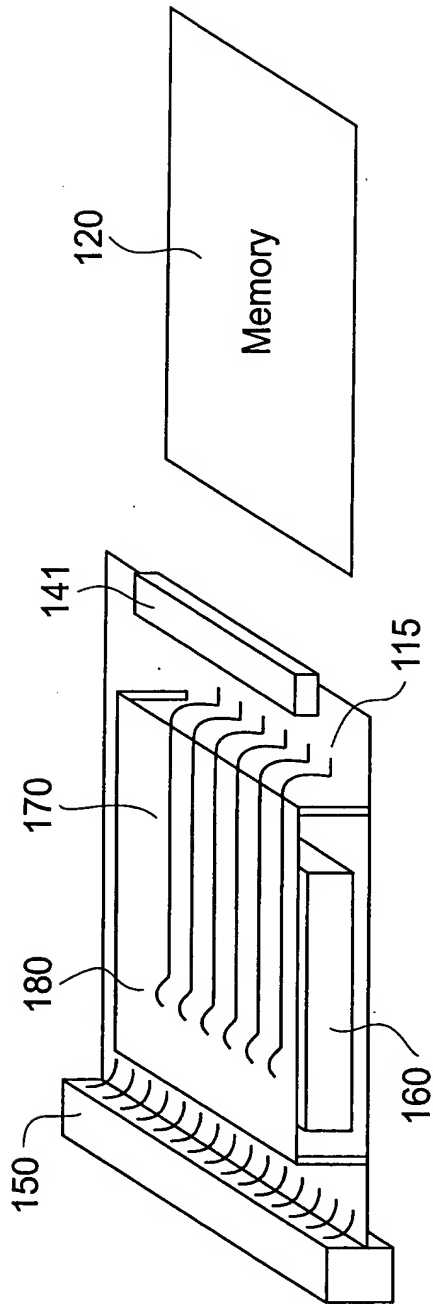


FIG. 9

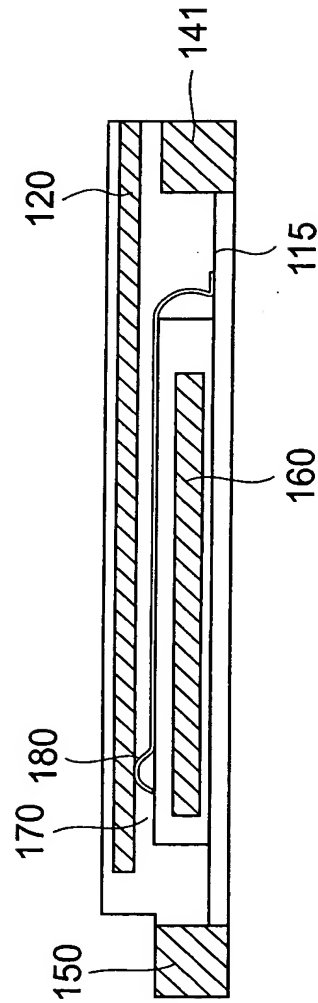


FIG. 10

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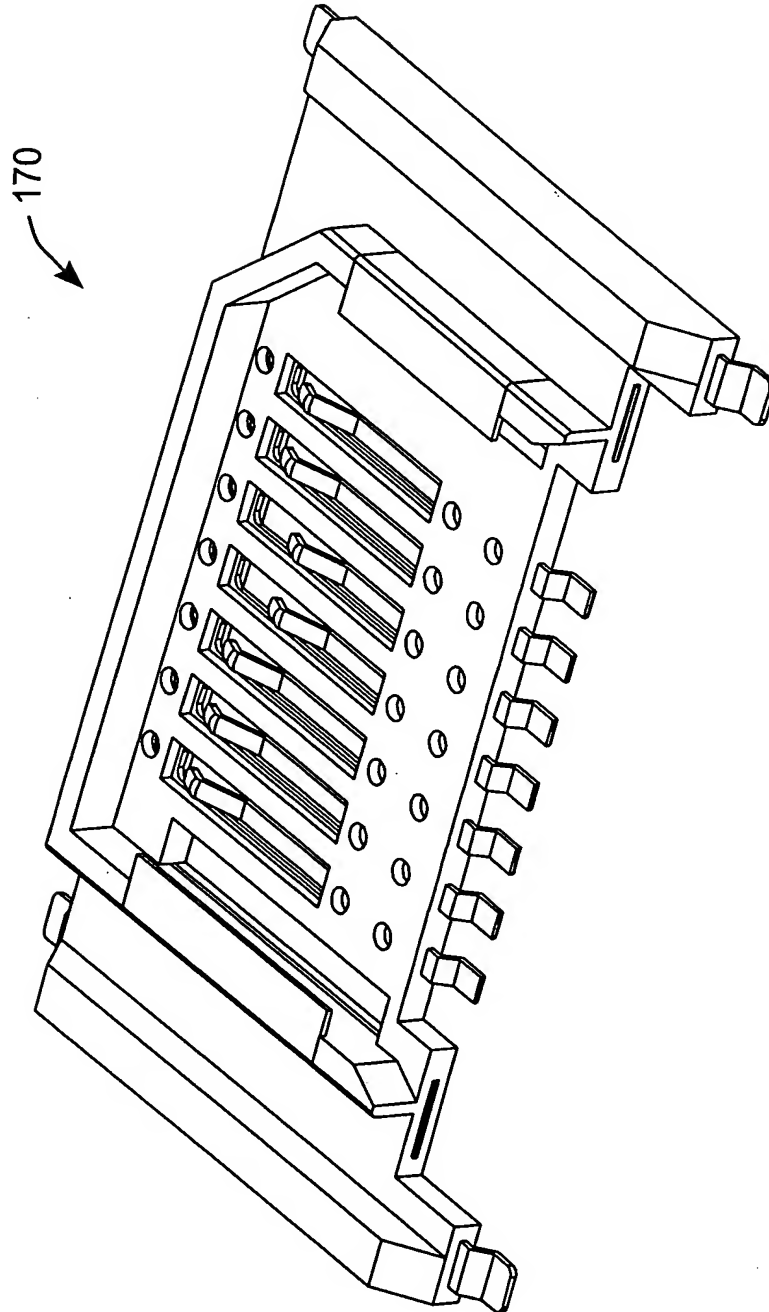


FIG. 11

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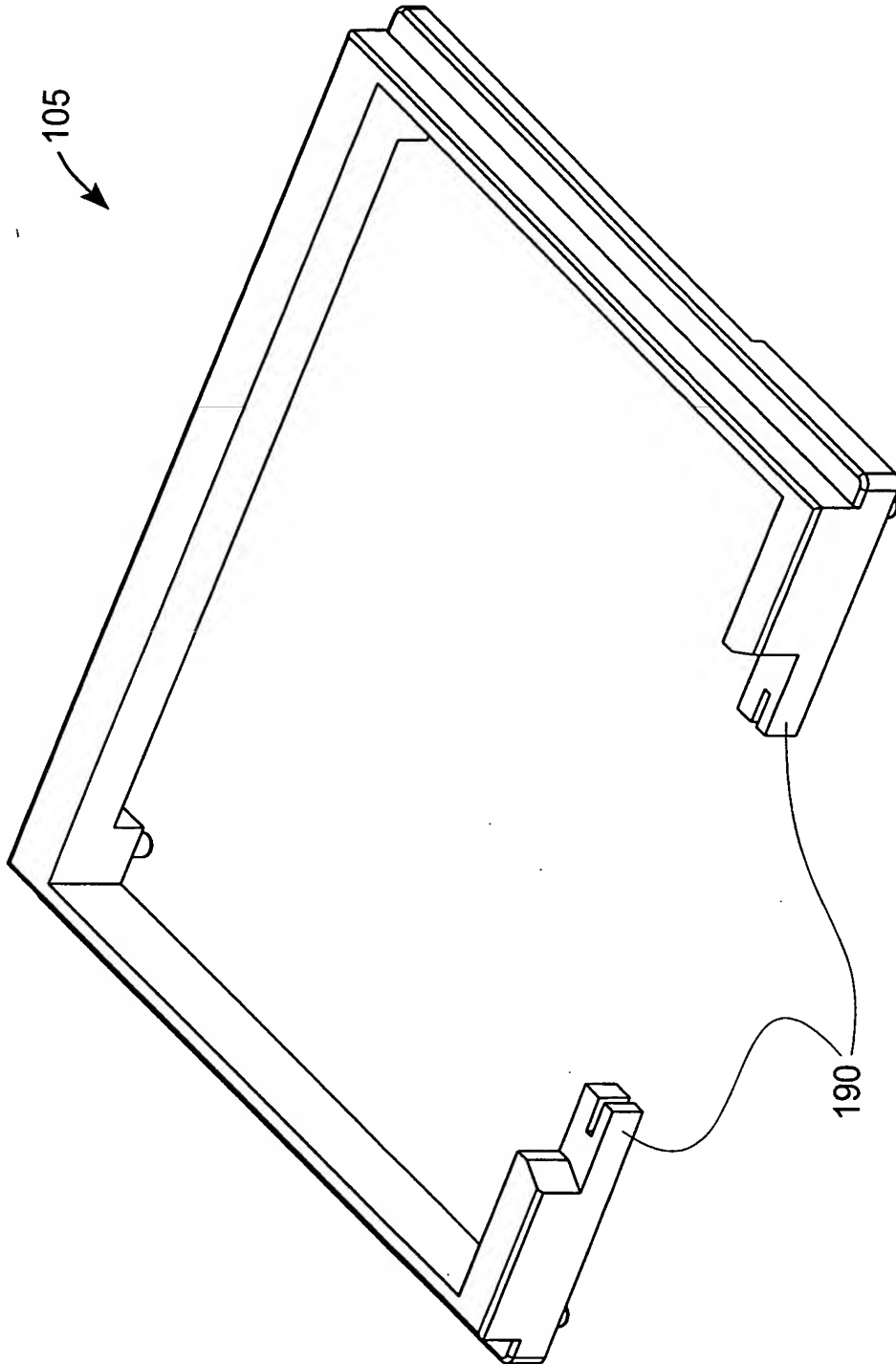


FIG. 12

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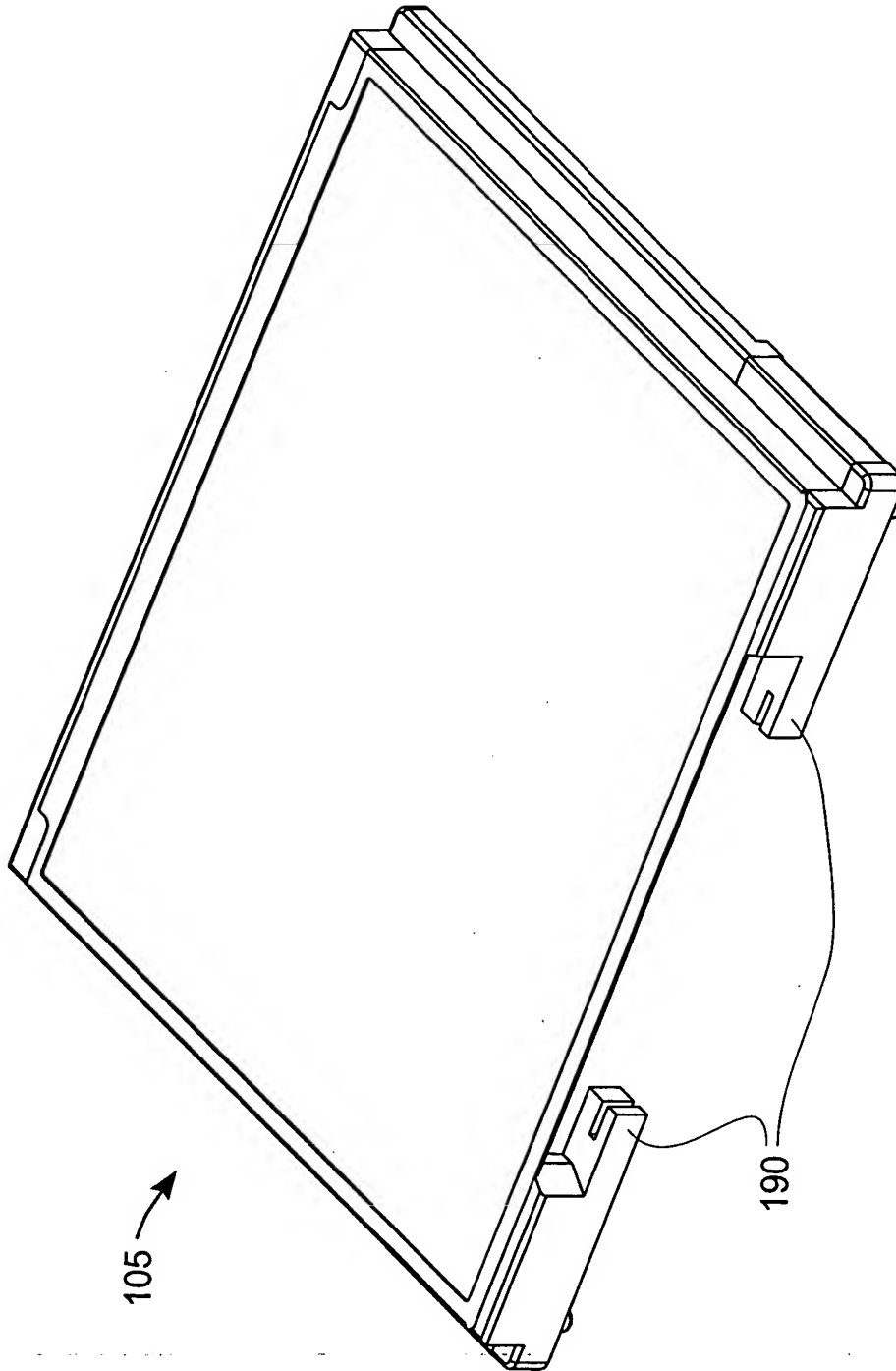


FIG. 13

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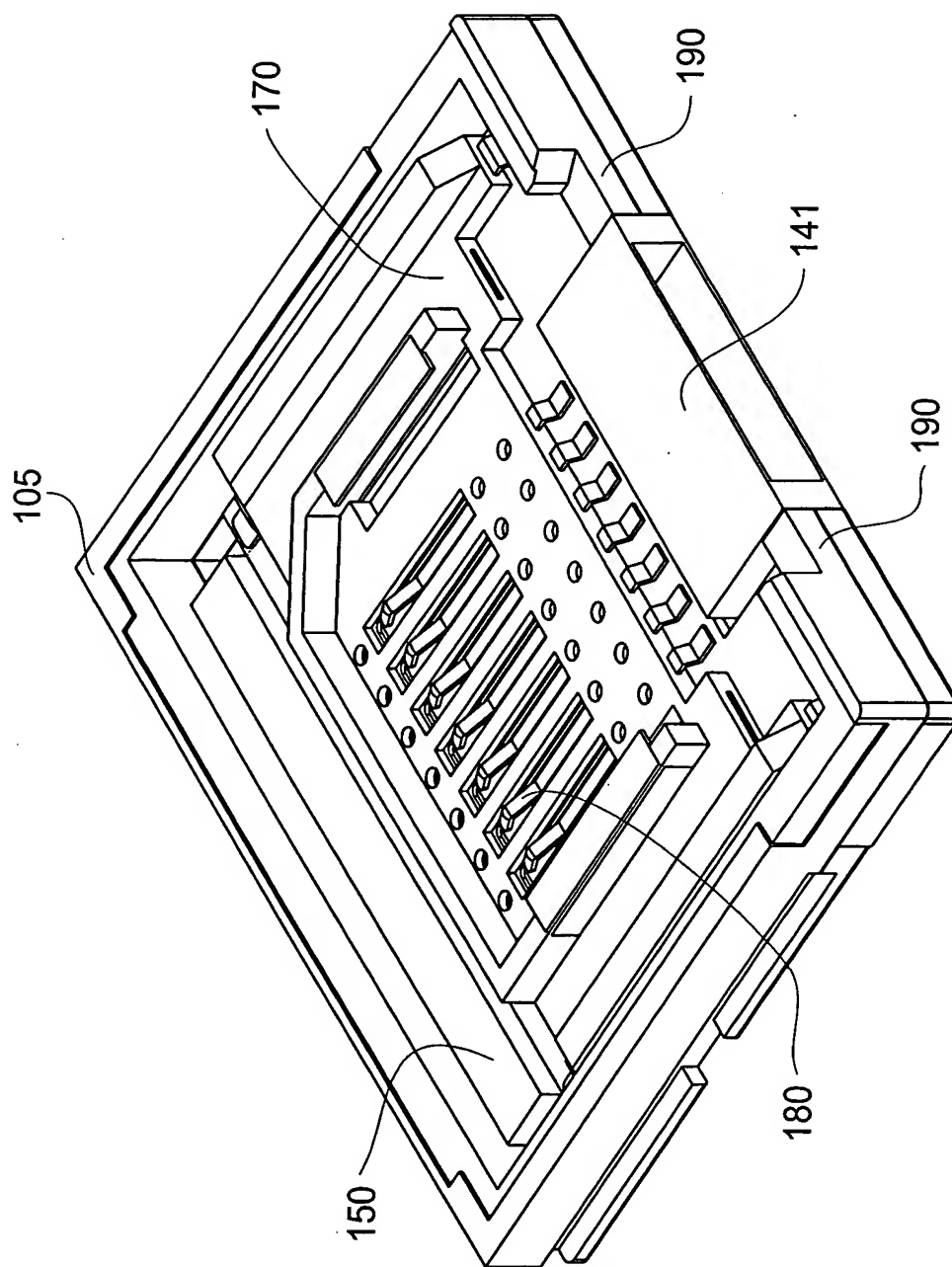


FIG. 14

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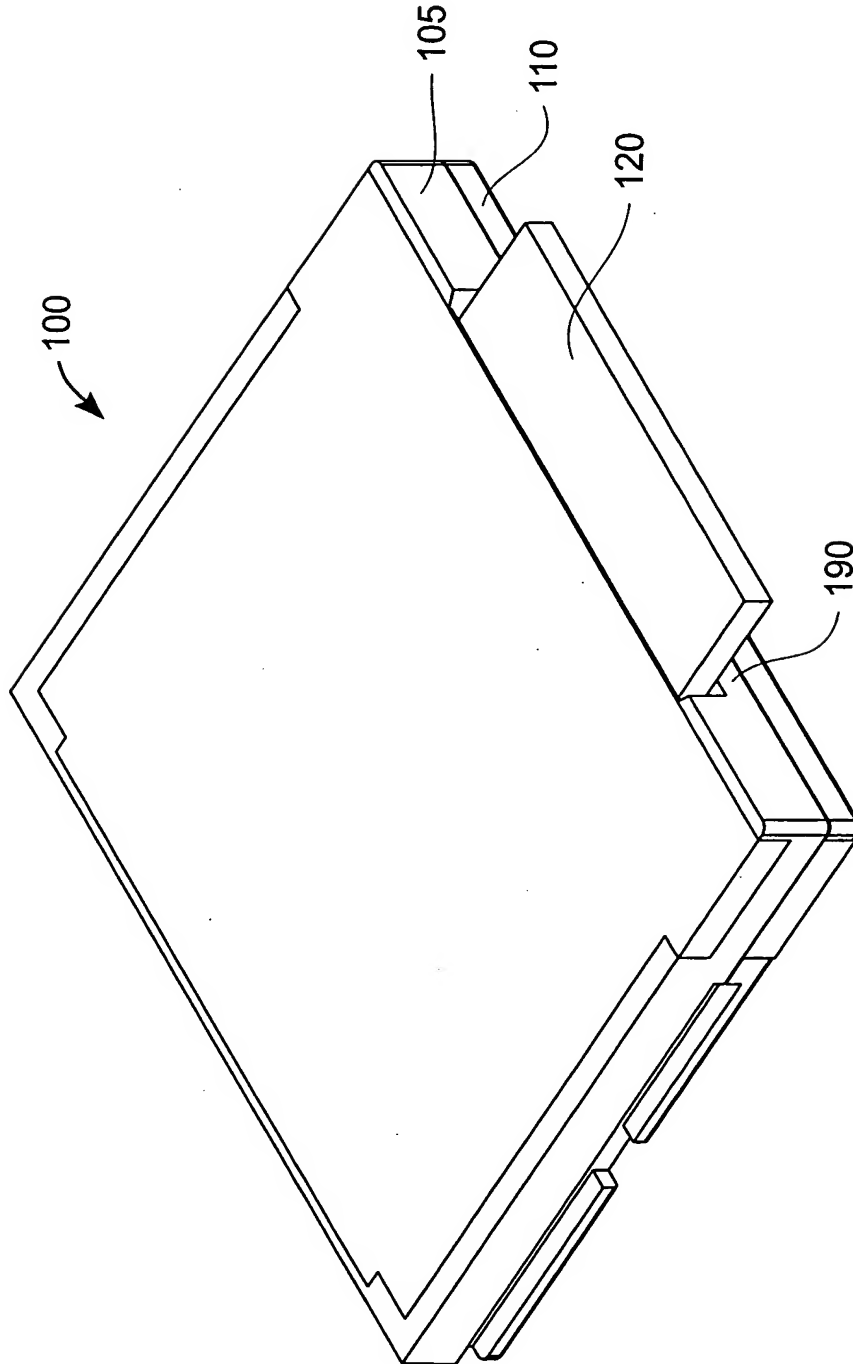


FIG. 15

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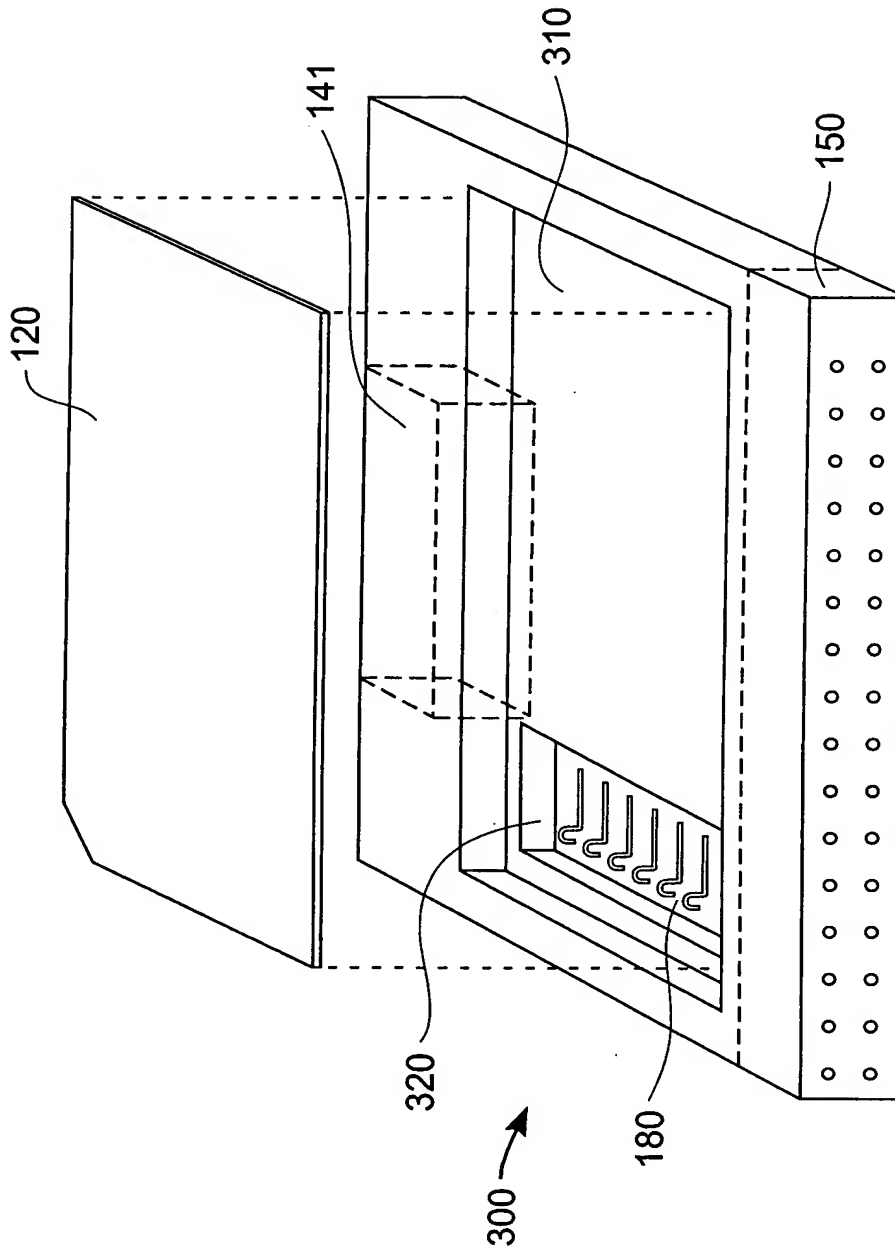


FIG. 16

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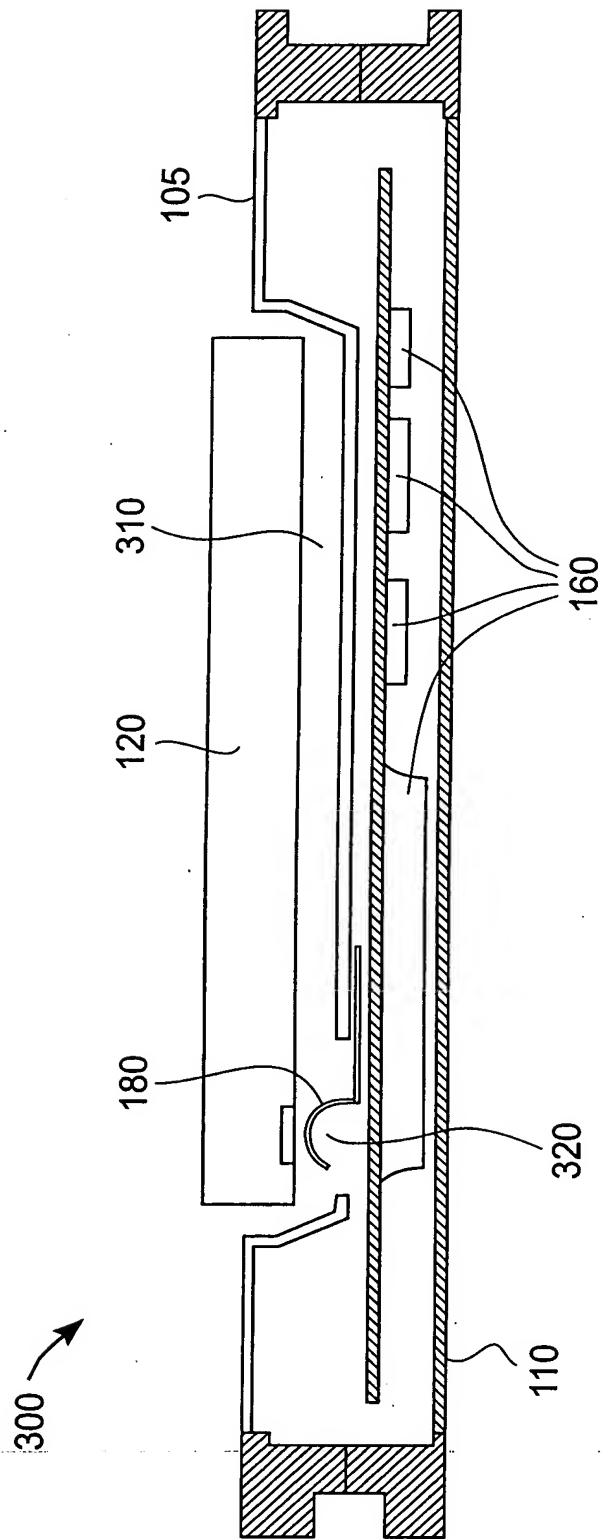


FIG. 17

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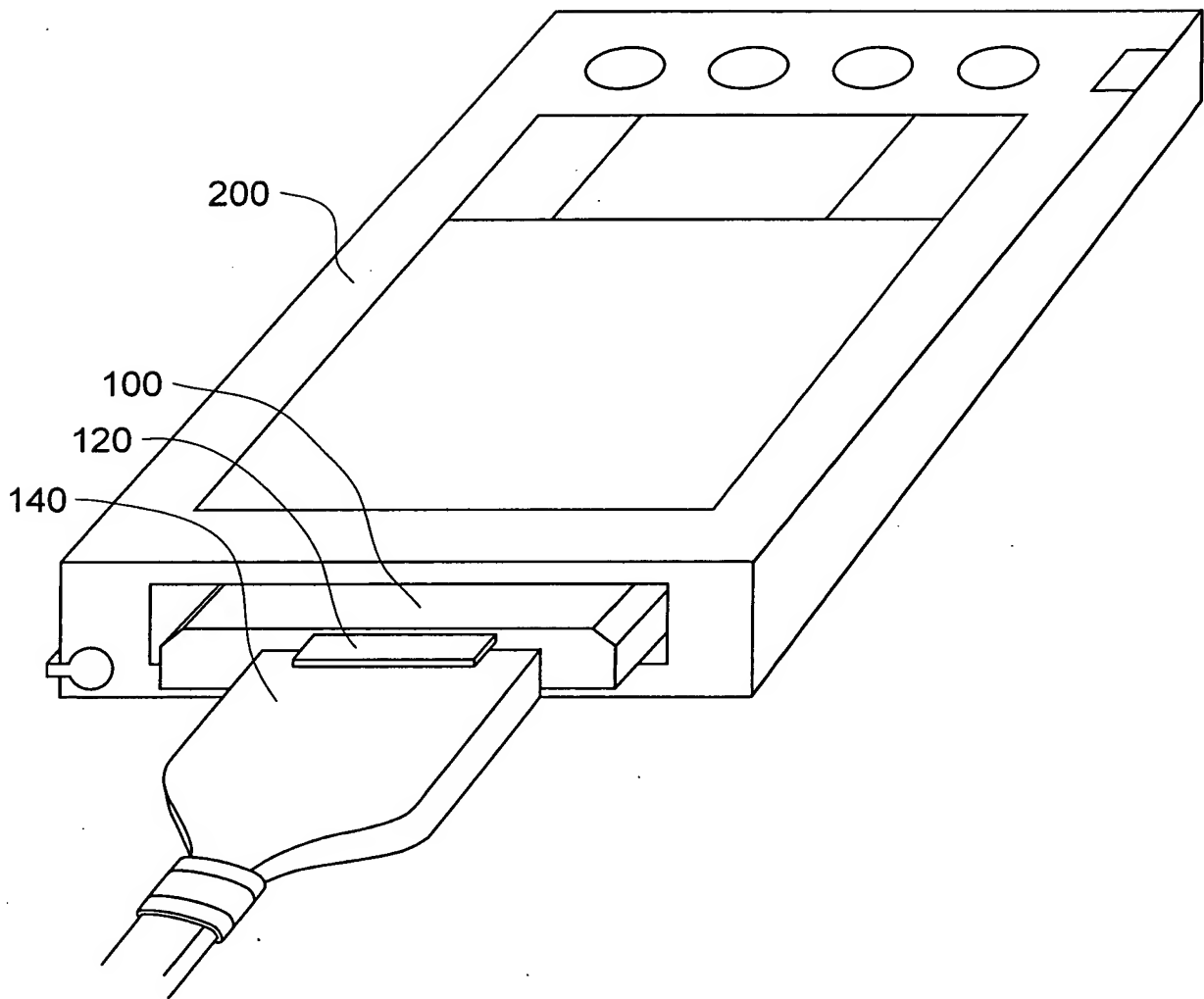


FIG. 18

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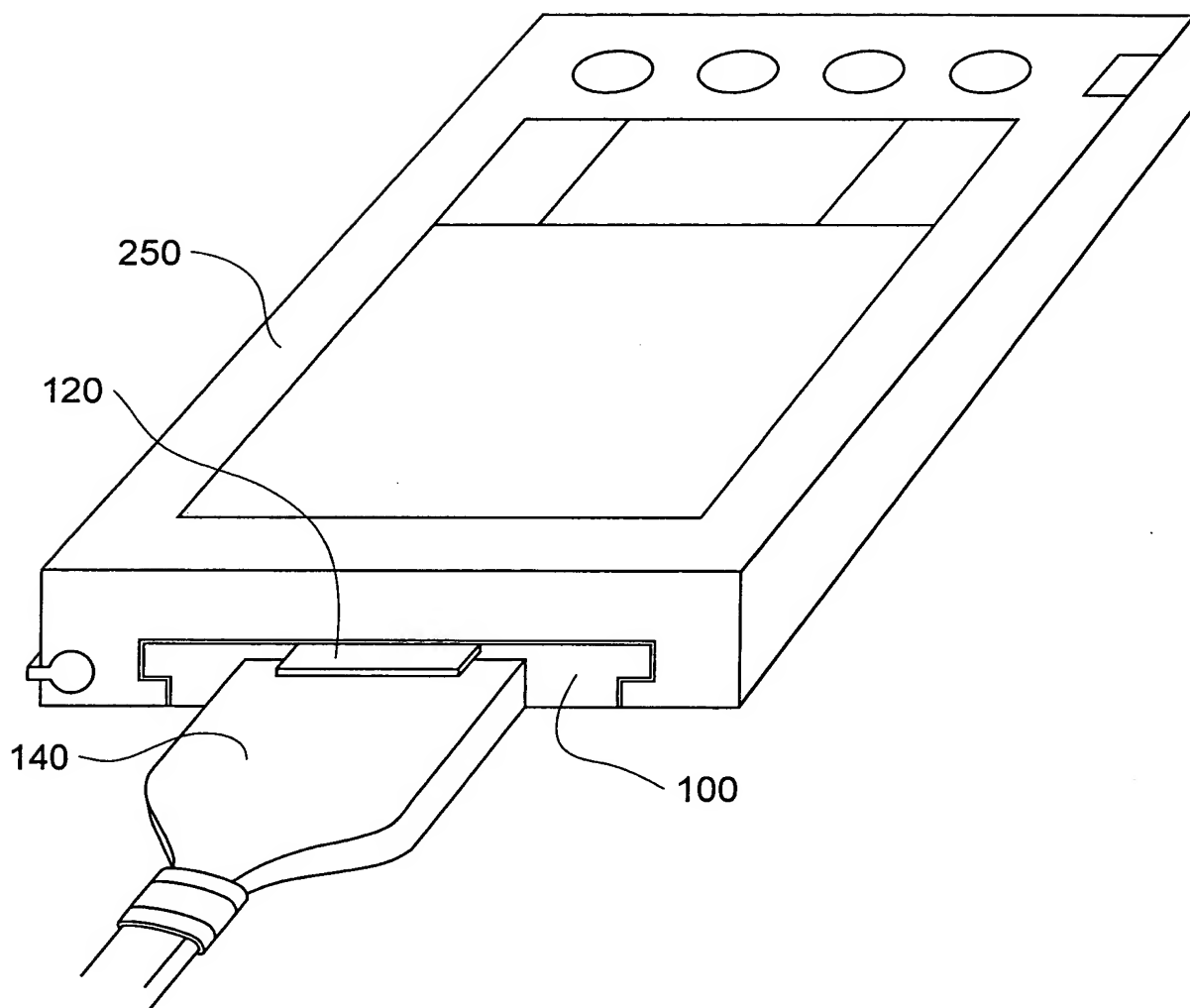


FIG. 19

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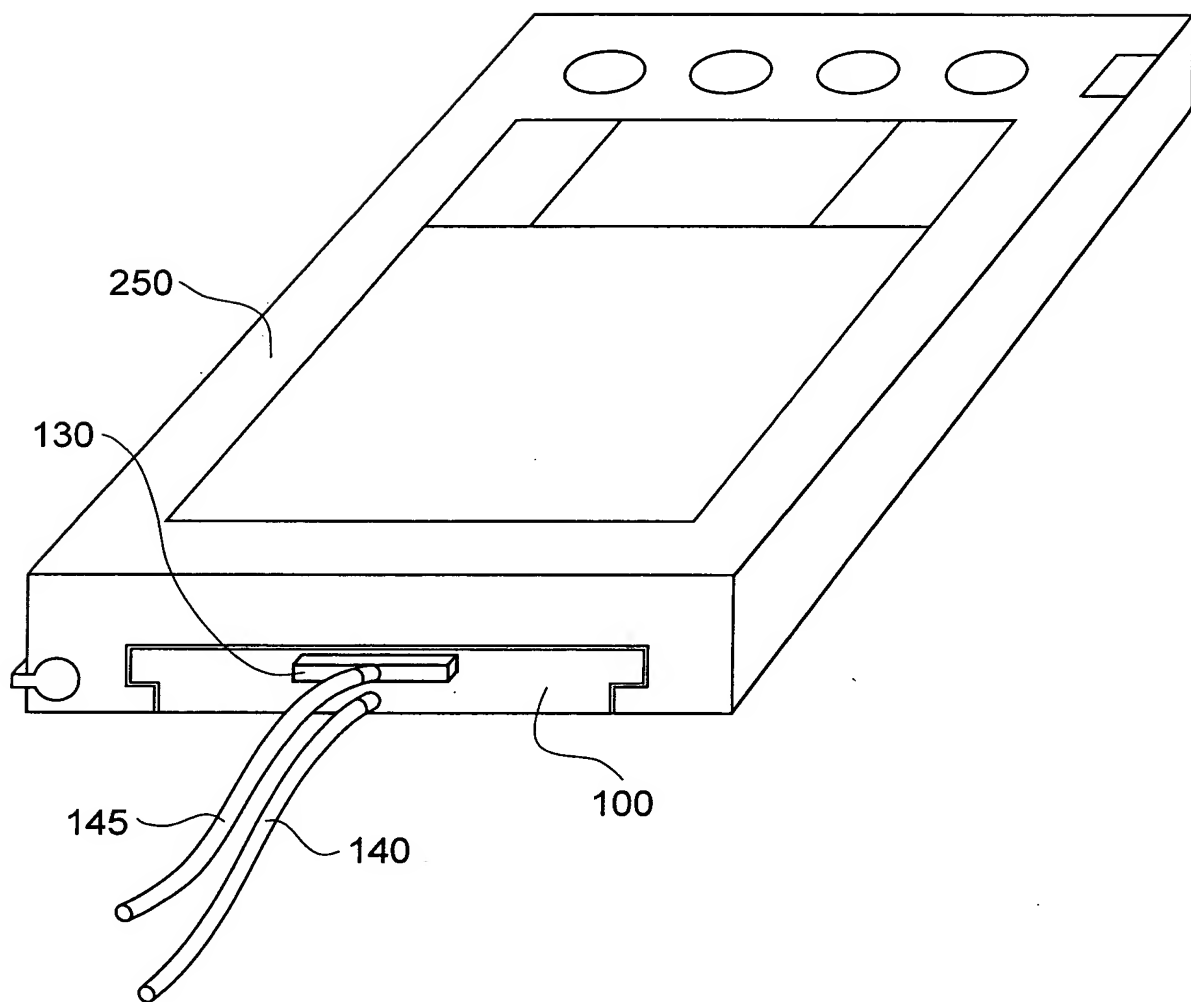


FIG. 20

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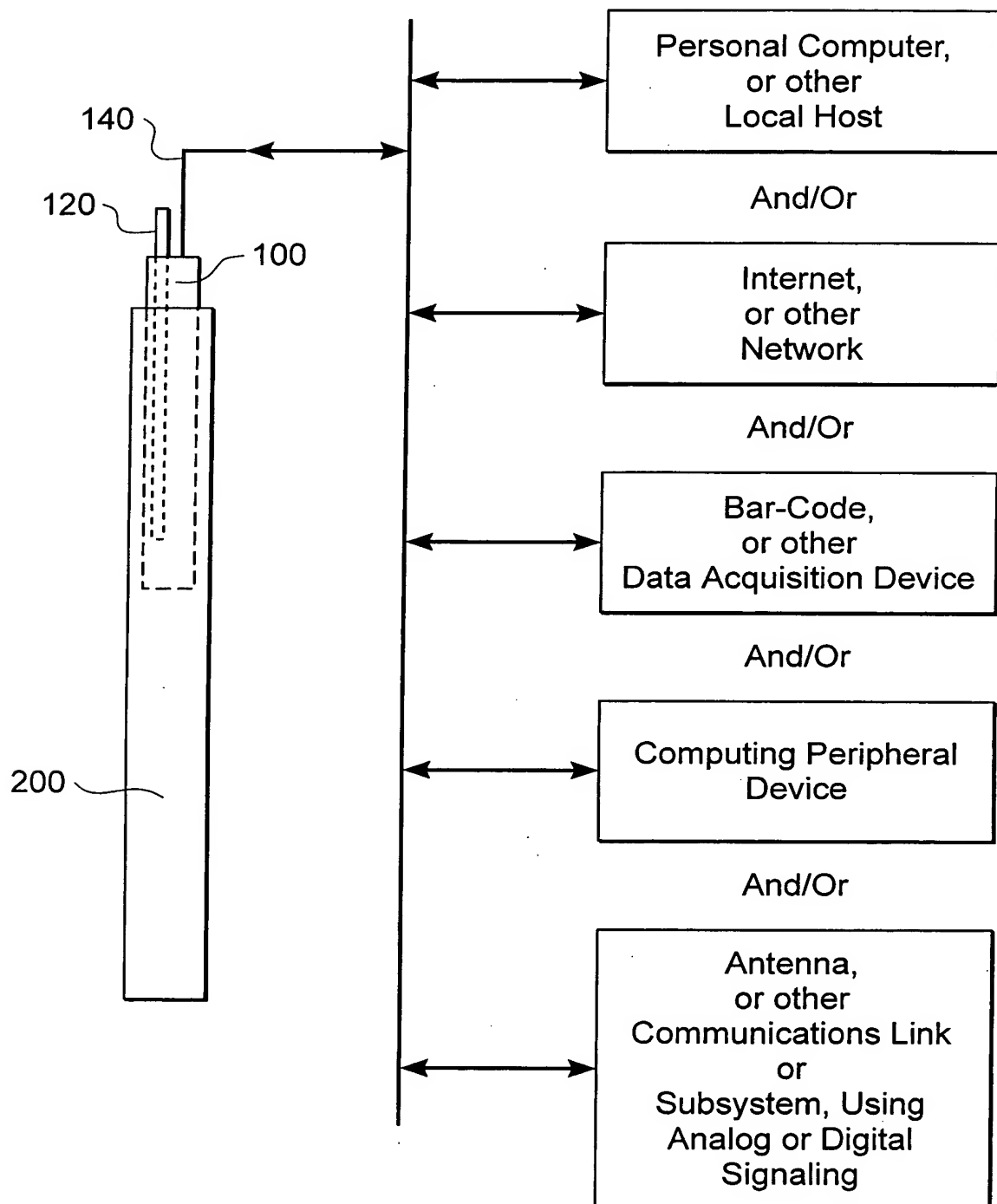


FIG. 21

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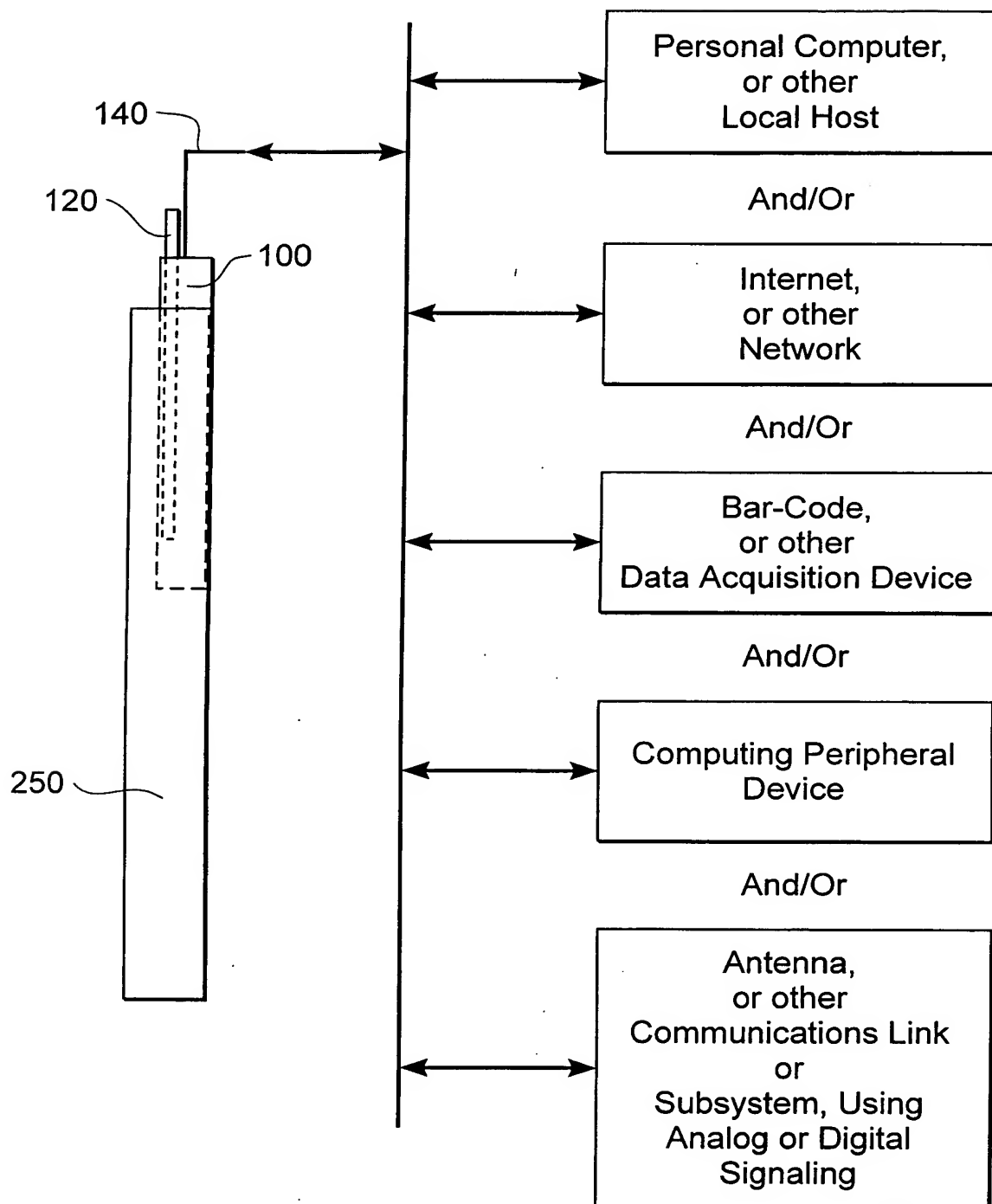


FIG. 22

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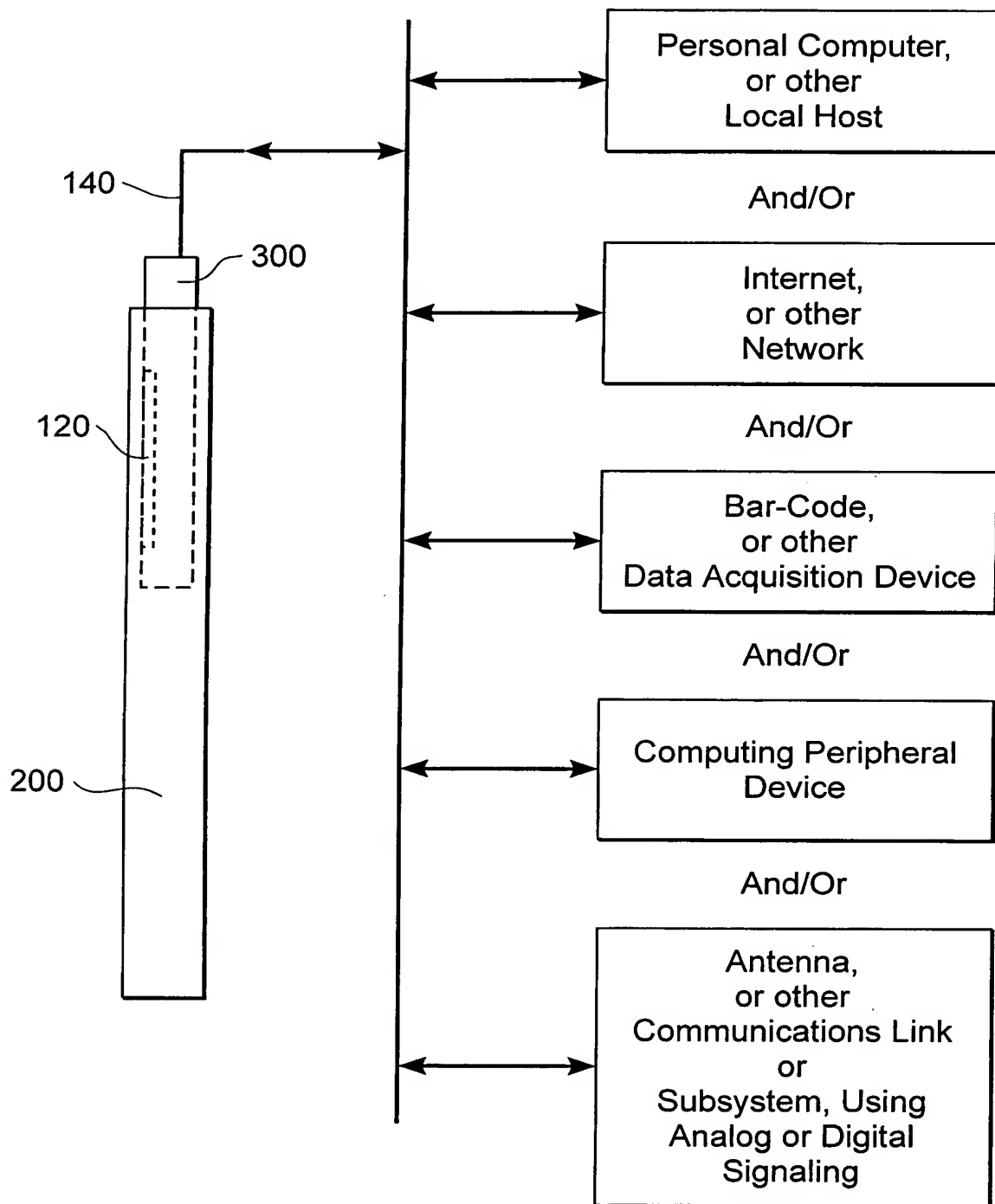


FIG. 23

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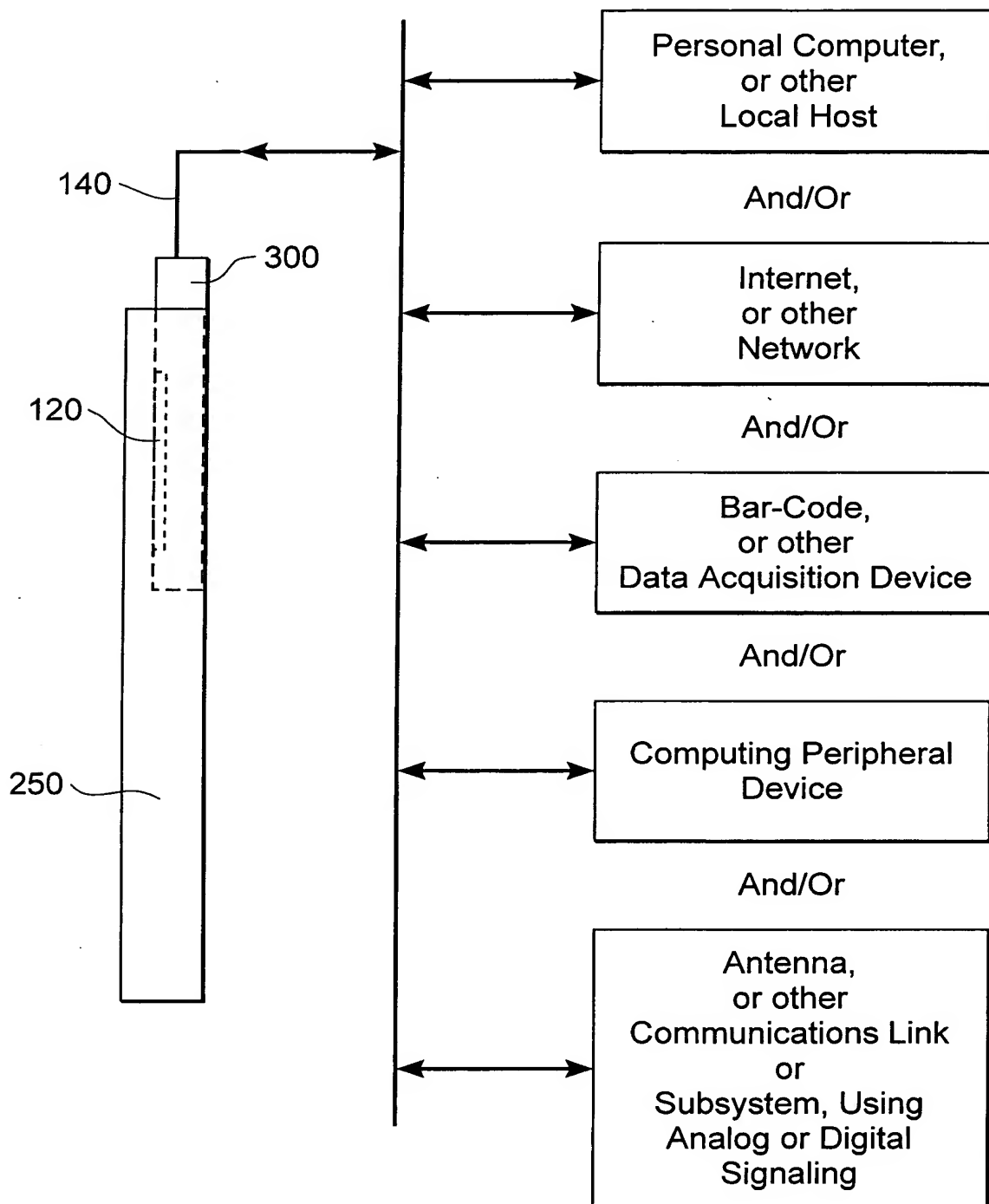


FIG. 24

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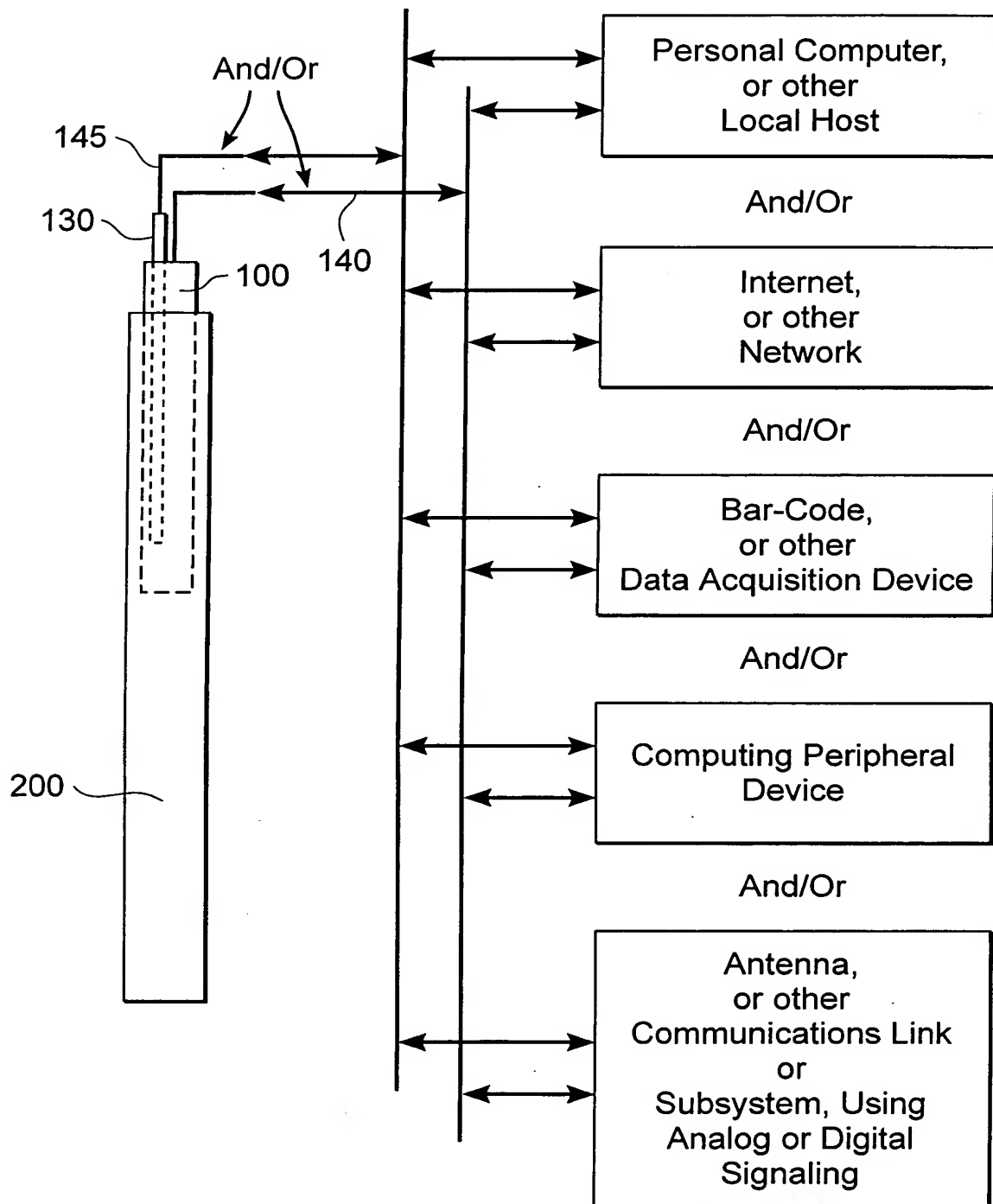


FIG. 25

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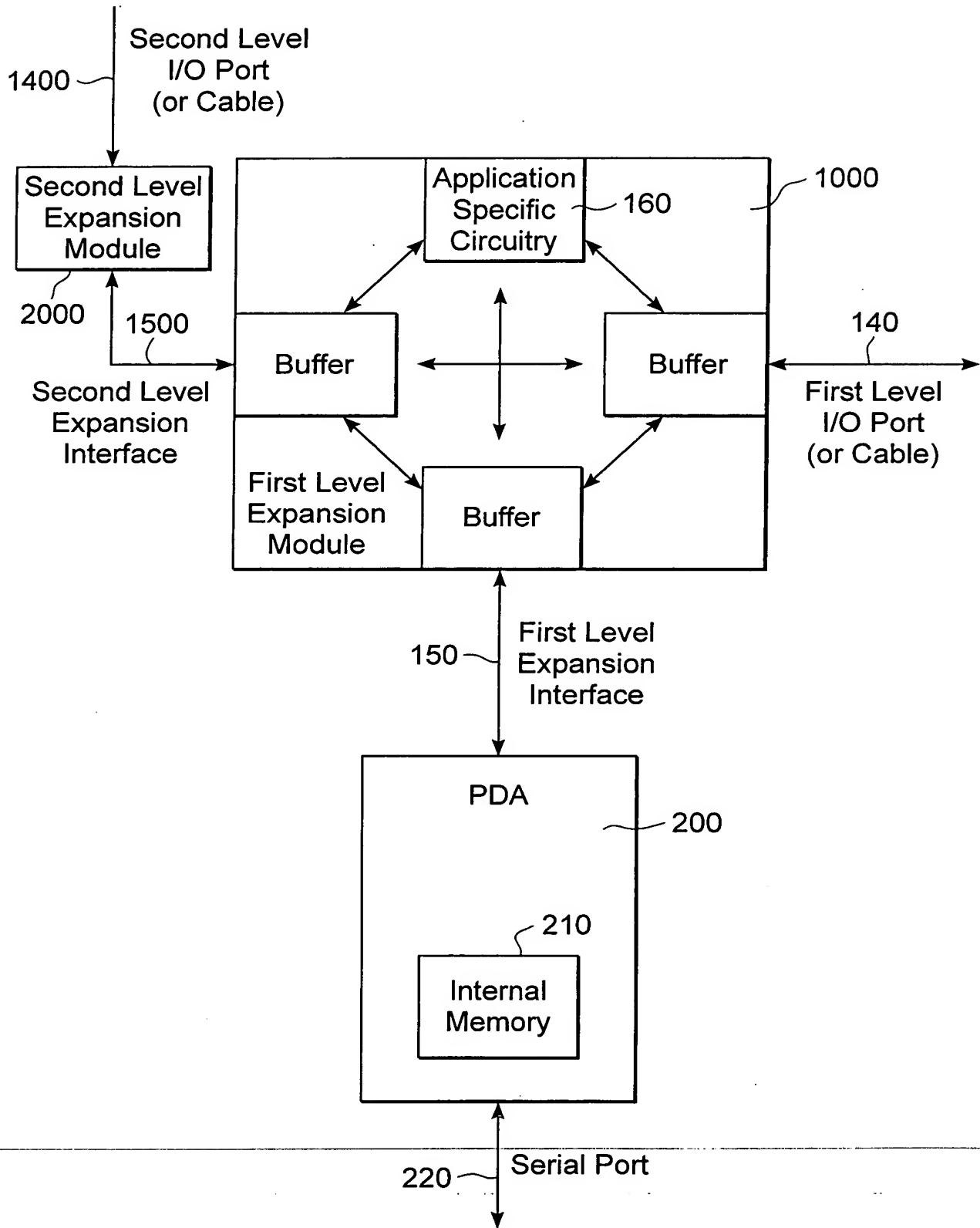


FIG. 26